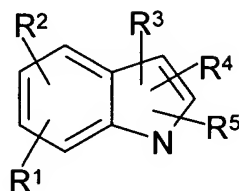


CLAIMS

What is claimed is:

- 5 1. A compound of the formula:

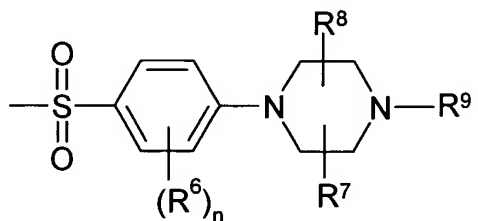


wherein:

- R¹ and R² each independently is hydrogen, alkyl, aryl, acyl, halo, nitro, amino,
 cyano, alkoxy, hydroxy, aryloxy, alkylthio, arylthio, thiol, carbonylamino,
10 aminocarbonyl, or haloalkyl;

 R³ and R⁴ each independently is hydrogen, halo, alkyl, acyl, aryl, or arylalkyl;

 R⁵ is:



;

 n is 0 to 4;

- 15 R⁶ in each independent occurrence is hydrogen, alkyl, alkoxy, or halo;

 R⁷ and R⁸ each independently is hydrogen or alkyl; and

 R⁹ is hydrogen, alkyl, or arylalkyl;

or an individual isomer, a racemic or non racemic mixture of isomers, a prodrug, or a
pharmaceutically acceptable salt or solvate thereof.

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2. The compound of claim 1, wherein R³ and R⁴ each independently is
hydrogen, halo or alkyl.

3. The compound of claim 1, wherein R¹ and R² each independently is
25 hydrogen, halo, or alkoxy.

4. The compound of claim 1, wherein n is 1 and wherein R⁶ is hydrogen or halo.

5. The compound of claim 1, wherein R⁷ and R⁸ are hydrogen.

6. The compound of claim 1, wherein R⁹ is hydrogen or alkyl.

7. The compound of claim 1, wherein:

R¹ and R² each independently is hydrogen, halo, or alkoxy;

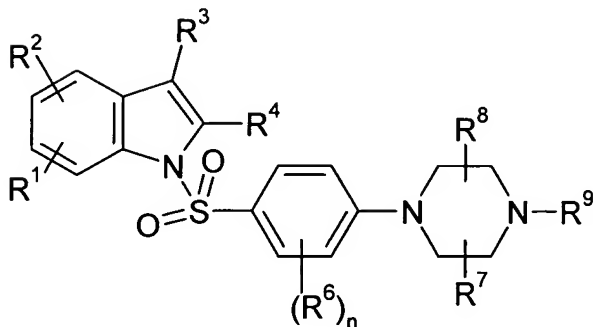
R³ and R⁴ each independently is hydrogen, halo or alkyl;

n is 1 and R⁶ is hydrogen or halo;

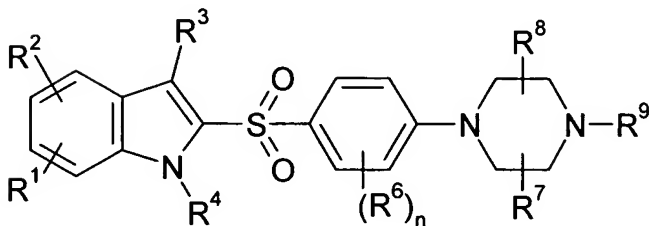
R⁷ and R⁸ are hydrogen; and

R⁹ is hydrogen or alkyl.

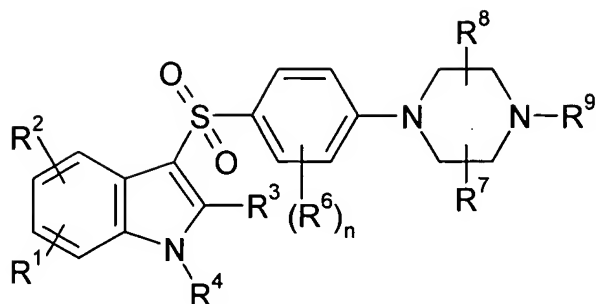
8. The compound of claim 7, wherein said compound has the formula:



9. The compound of claim 7, wherein said compound has the formula:



10. The compound of claim 7, wherein said compound has the formula:



11. The compound of claim 8, wherein one of R¹ and R² is halo and the other is hydrogen.

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12. The compound of claim 10, wherein one of R¹ and R² is halo and the other is hydrogen.

13. The compound of claim 12, wherein n is 1 and R⁶ is halo.

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14. The compound of claim 12, wherein n is 0.

15. The compound of claim 10, wherein R¹ and R² are hydrogen.

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16. The compound of claim 15, wherein n is 1 and R⁶ is halo.

17. The compound of claim 15, wherein n is 0.

18. The compound of claim 12, wherein R⁹ is hydrogen.

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19. The compound of claim 12, wherein R⁹ is methyl.

20. The compound of claim 13, wherein R⁹ is hydrogen.

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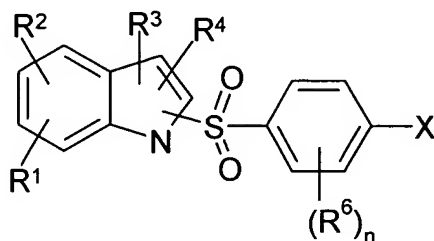
21. The compound of claim 13, wherein R⁹ is methyl.

22. The compound of claim 14, wherein R⁹ is hydrogen.
23. The compound of claim 14, wherein R⁹ is methyl.
- 5 24. The compound of claim 15, wherein R⁹ is hydrogen.
25. The compound of claim 15, wherein R⁹ is methyl.
26. The compound of claim 16, wherein R⁹ is hydrogen.
- 10 27. The compound of claim 16, wherein R⁹ is methyl.
28. The compound of claim 17, wherein R⁹ is hydrogen.
- 15 29. The compound of claim 17, wherein R⁹ is methyl.
30. A pharmaceutical composition comprising, comprising a compound of claim 1 together with a pharmaceutically acceptable carrier.
- 20 31. A method for treating a central nervous system disease state in a subject, said method comprising administering to said subject a therapeutically effective amount of a compound of claim 1.
- 25 32. The method of Claim 31, wherein the disease state comprises a disease selected from psychoses, schizophrenia, manic depressions, neurological disorders, memory disorders, attention deficit disorder, Parkinson's disease, amyotrophic lateral sclerosis, Alzheimer's disease and Huntington's disease.
- 30 33. A method for treating a disorder of the gastrointestinal tract in a subject, said method comprising administering to said subject a therapeutically effective amount of a compound of claim 1.

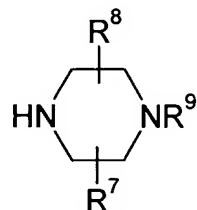
34. A method for treating obesity in a subject, said method comprising administering to said subject a therapeutically effective amount of a compound of claim 1.

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35. A method for producing a compound of claim 1, comprising contacting a 4-halobenzenesulfonyl-indole of the formula:



with a piperazine of the formula:



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to produce a compound of the formula:

